

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040681.D
 Acq On : 16 Mar 2024 02:19
 Operator : JC/MD
 Sample : P1754-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL28

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 16 05:56:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	149930	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	144780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63023	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41009	31.203	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.400%		
7) Chloroethane-d5	1.666	69	40128	38.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.480%		
11) 1,1-Dichloroethene-d2	2.307	65	20000	33.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.120%		
21) 2-Butanone-d5	4.452	46	96830	96.011	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.010%		
24) Chloroform-d	5.056	84	104189	42.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.380%		
26) 1,2-Dichloroethane-d4	5.958	65	79382	43.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.120%		
32) Benzene-d6	5.970	84	175275	39.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.920%		
36) 1,2-Dichloropropane-d6	7.306	67	58195	42.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.540%		
41) Toluene-d8	8.647	98	152048	35.520	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.040%#		
43) trans-1,3-Dichloroprop...	8.952	79	27495	37.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.060%		
47) 2-Hexanone-d5	9.385	63	66159	87.098	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.100%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	93108	45.173	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.340%		
66) 1,2-Dichlorobenzene-d4	12.317	152	57692	43.707	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.420%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	68171	54.167	ug/L	97
8) Chloroethane	1.685	64	3710m	5.141	ug/L	
12) 1,1-Dichloroethene	2.319	96	1050228	1149.181	ug/L #	72
13) Acetone	2.380	43	41639	57.816	ug/L	98
19) 1,1-Dichloroethane	3.611	63	153729	84.329	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	30045	28.559	ug/L	93
27) 1,2-Dichloroethane	6.092	62	13193	7.298	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	14676	8.139	ug/L	99
33) Benzene	6.038	78	15090	3.880	ug/L	100
34) Trichloroethene	7.123	95	35806	31.186	ug/L	98
46) Tetrachloroethene	9.275	164	1409	1.709	ug/L	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

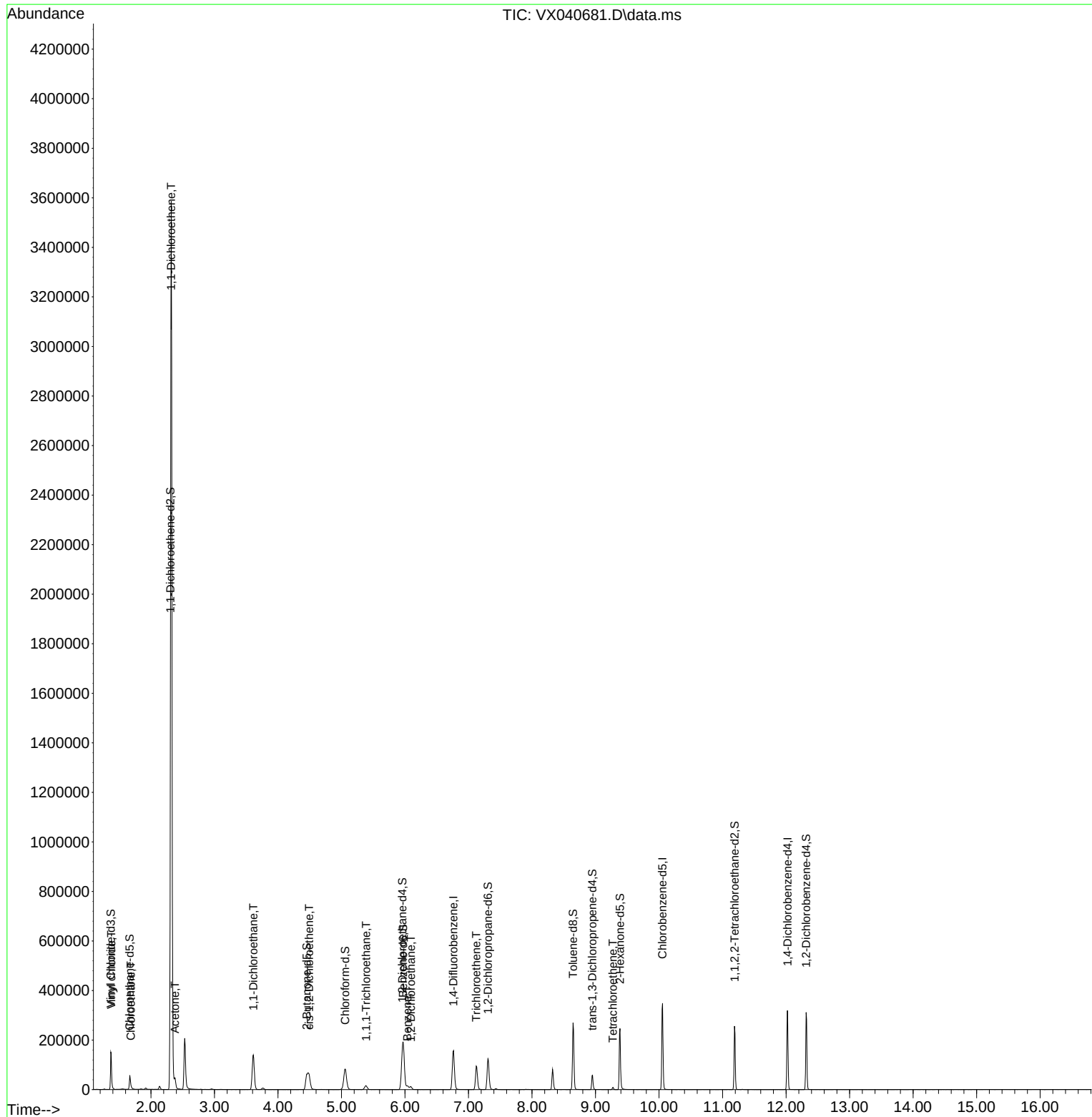
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040681.D
Acq On : 16 Mar 2024 02:19
Operator : JC/MD
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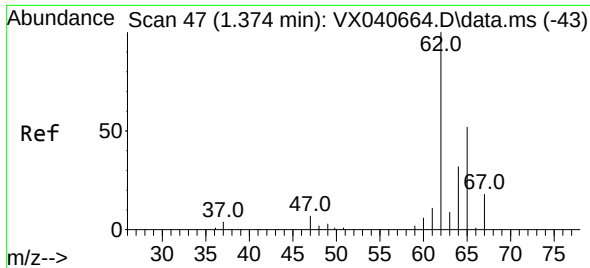
Instrument :
MSVOA_X
ClientSampleId :
YCL28

Quant Time: Mar 16 05:56:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
Response via : Initial Calibration

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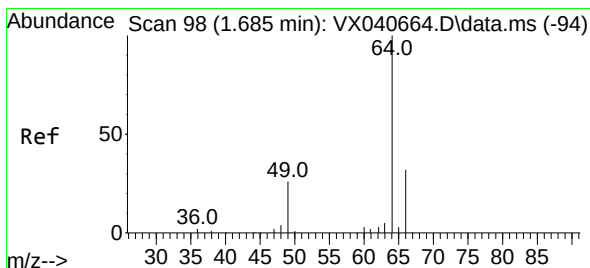
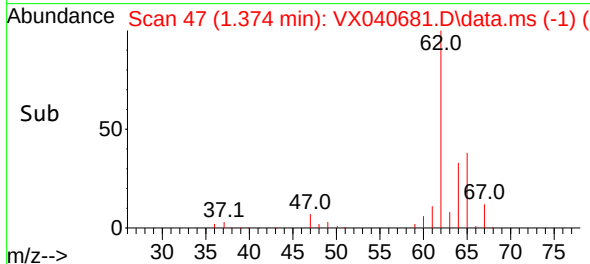
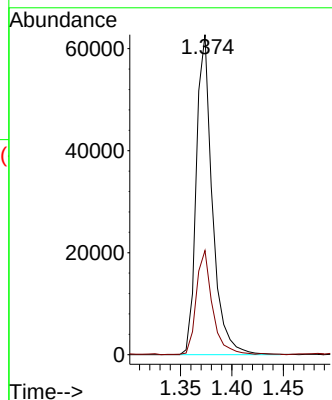
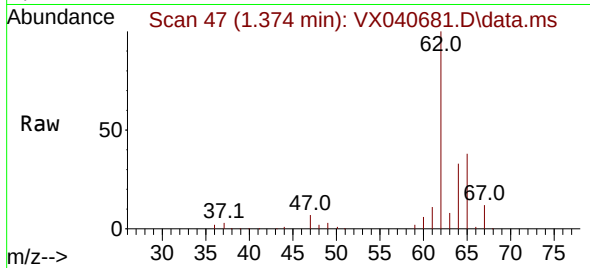
#5
Vinyl chloride
Concen: 54.167 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :
YCL28

Tgt Ion: 62 Resp: 6817
Ion Ratio Lower Upper
62 100
64 32.6 23.8 44.2

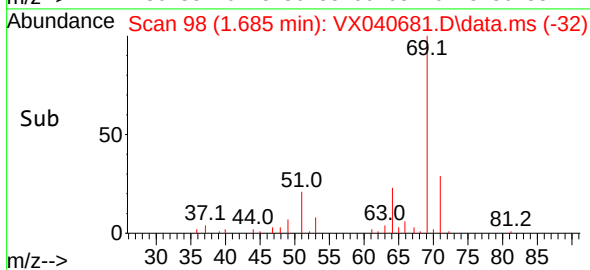
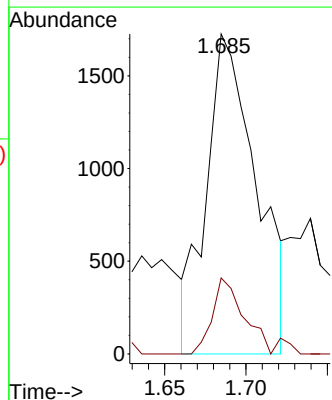
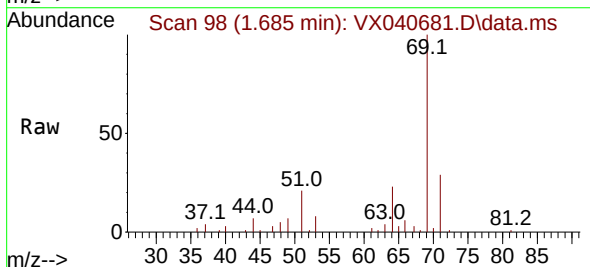
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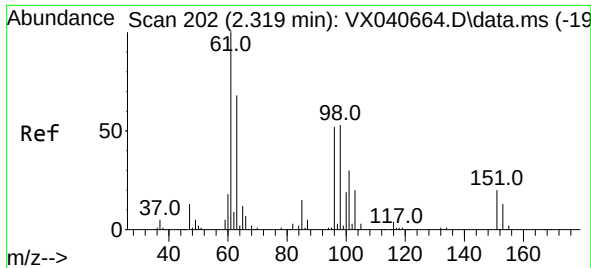
Reviewed By :John Carlone 03/18/2024
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#8
Chloroethane
Concen: 5.141 ug/L m
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

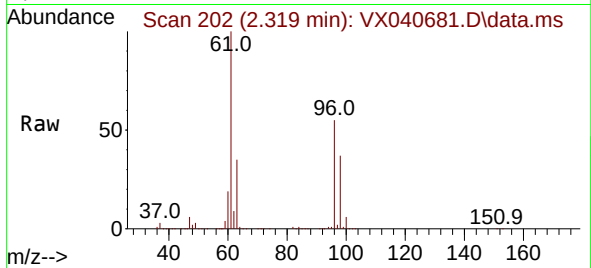
Tgt Ion: 64 Resp: 3710
Ion Ratio Lower Upper
64 100
66 23.8 25.0 46.4#





#12
1,1-Dichloroethene
Concen: 1149.181 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

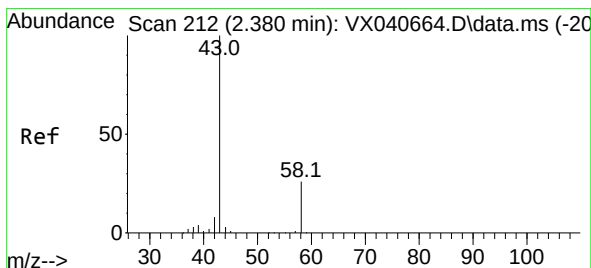
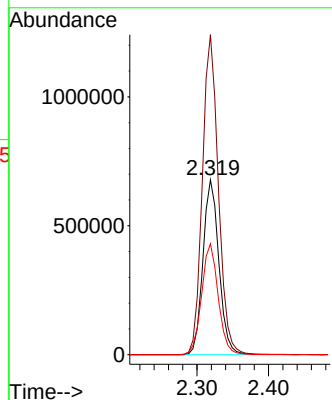
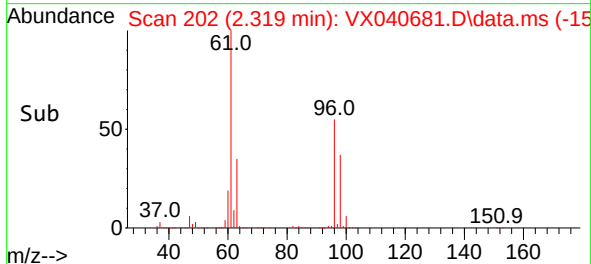
Instrument :
MSVOA_X
ClientSampleId :
YCL28



Tgt Ion: 96 Resp: 1050228
Ion Ratio Lower Upper
96 100
61 182.9 134.8 250.4
63 63.5 92.5 171.9

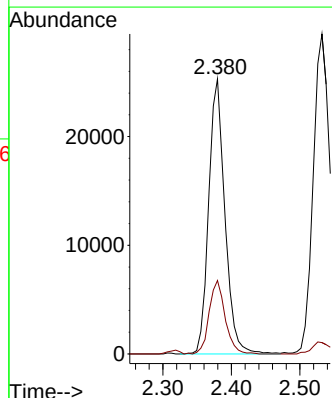
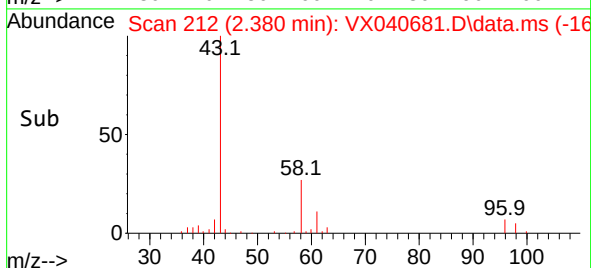
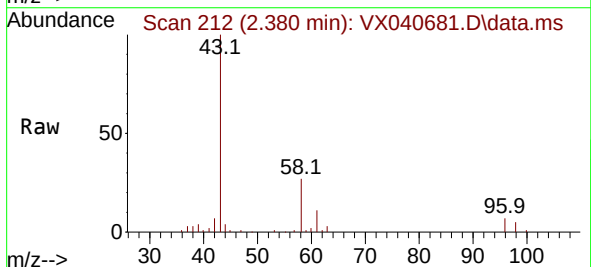
Manual Integrations
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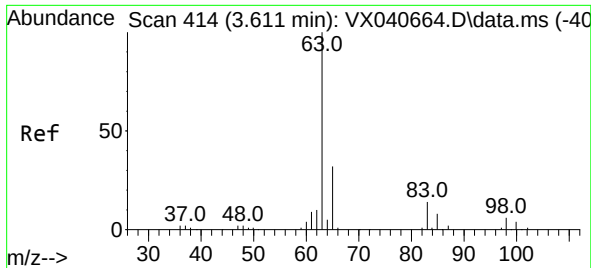
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#13
Acetone
Concen: 57.816 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

Tgt Ion: 43 Resp: 41639
Ion Ratio Lower Upper
43 100
58 26.3 0.0 54.6





#19

1,1-Dichloroethane

Concen: 84.329 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

Instrument :

MSVOA_X

ClientSampleId :

YCL28

Tgt Ion: 63 Resp: 153729

Ion Ratio Lower Upper

63 100

65 32.9 23.1 42.9

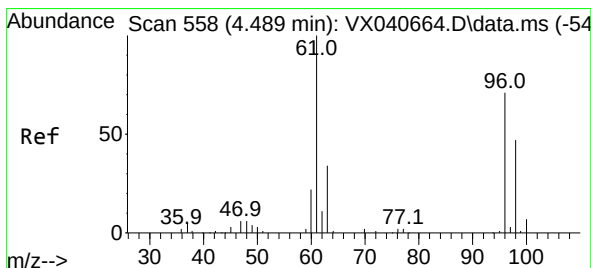
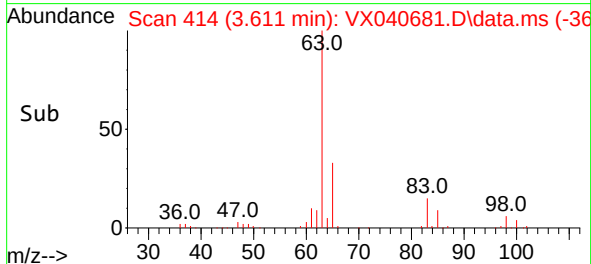
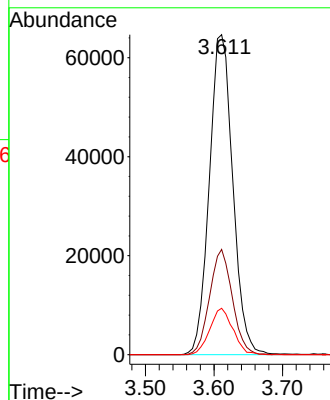
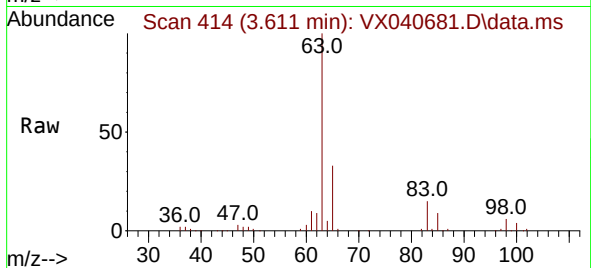
83 14.5 9.9 18.5

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 28.559 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040681.D

Acq: 16 Mar 2024 02:19

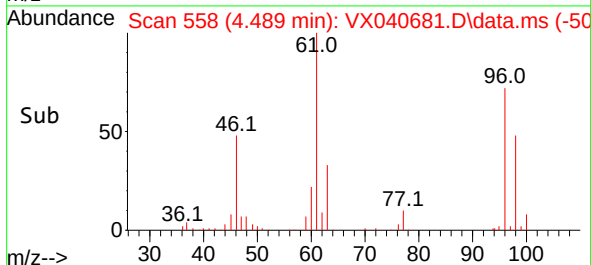
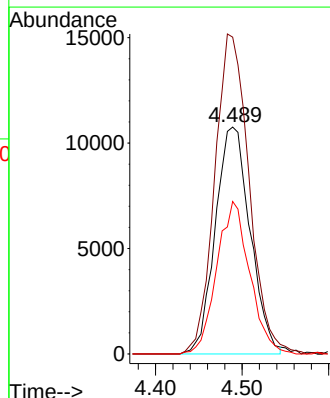
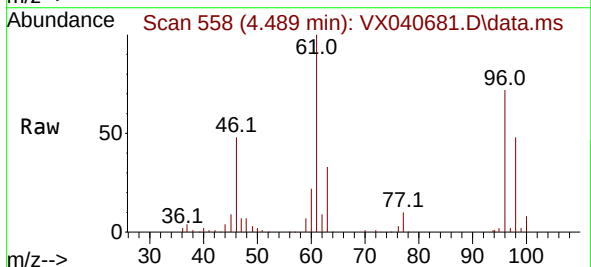
Tgt Ion: 96 Resp: 30045

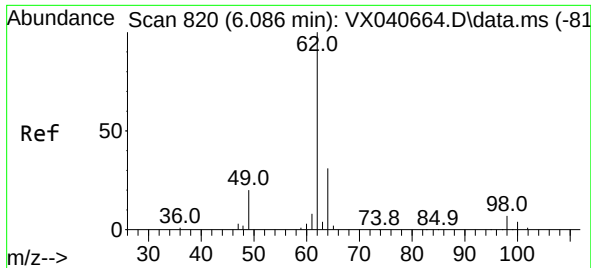
Ion Ratio Lower Upper

96 100

61 139.6 93.0 172.8

98 67.2 42.4 78.6





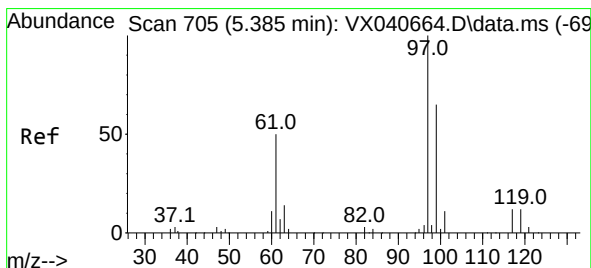
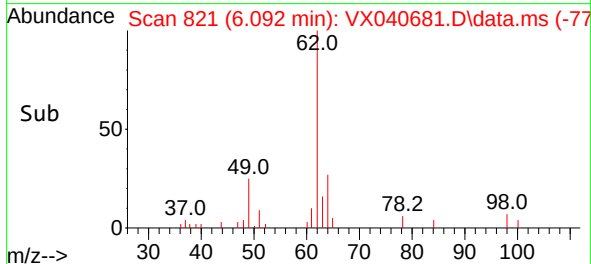
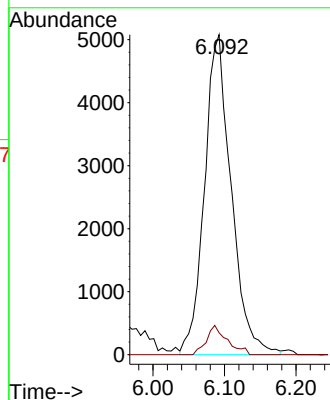
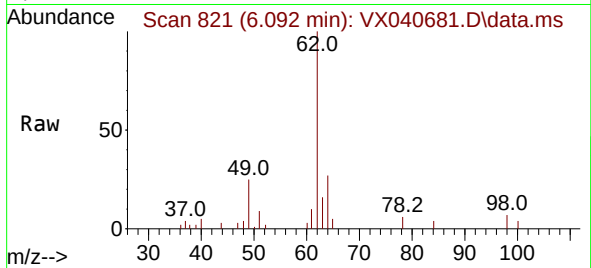
#27
1,2-Dichloroethane
Concen: 7.298 ug/L
RT: 6.092 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :
YCL28

Tgt Ion: 62 Resp: 1319
Ion Ratio Lower Upper
62 100
98 6.9 5.8 8.6

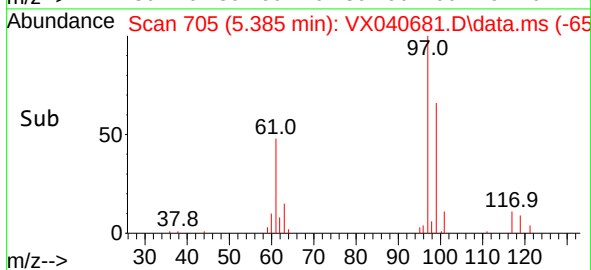
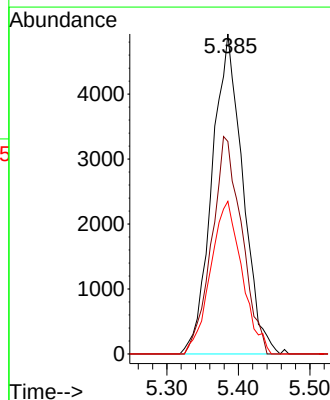
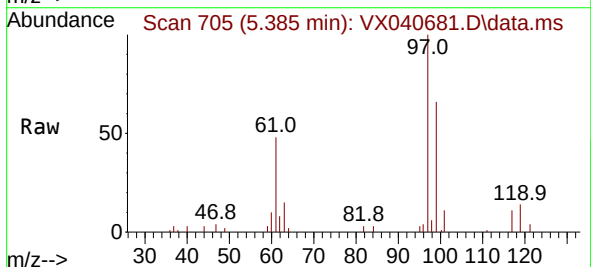
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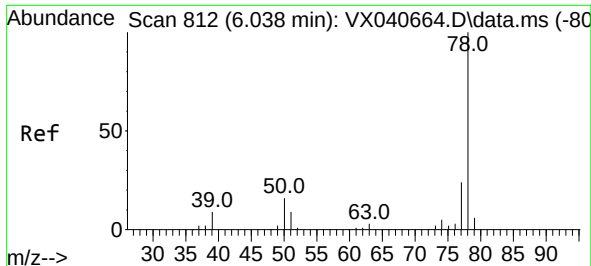
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#30
1,1,1-Trichloroethane
Concen: 8.139 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

Tgt Ion: 97 Resp: 14676
Ion Ratio Lower Upper
97 100
99 66.4 52.1 78.1
61 47.9 38.3 57.5





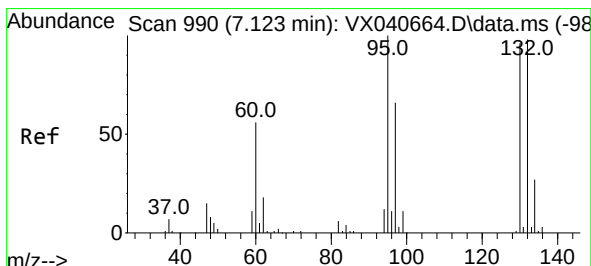
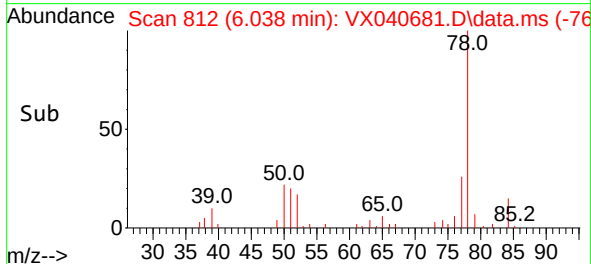
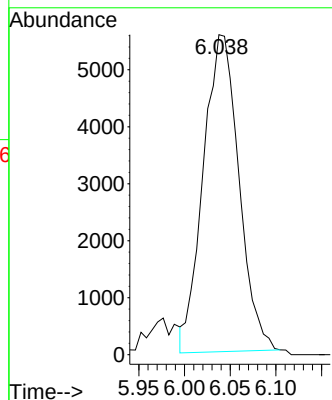
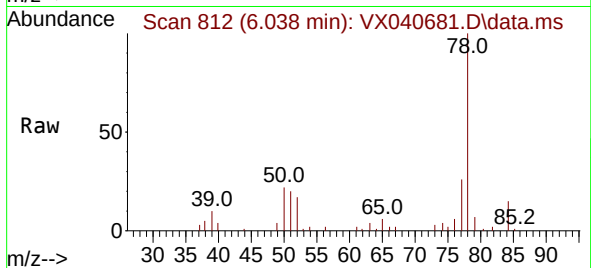
#33
Benzene
Concen: 3.880 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :
YCL28

Tgt Ion: 78 Resp: 15090

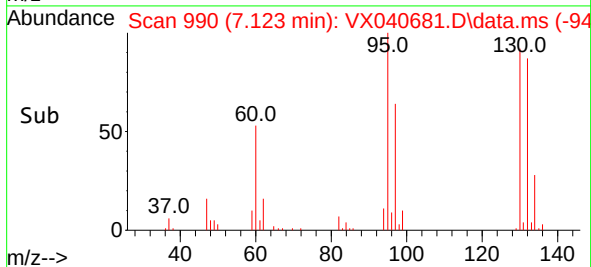
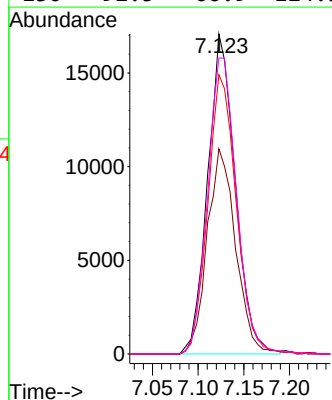
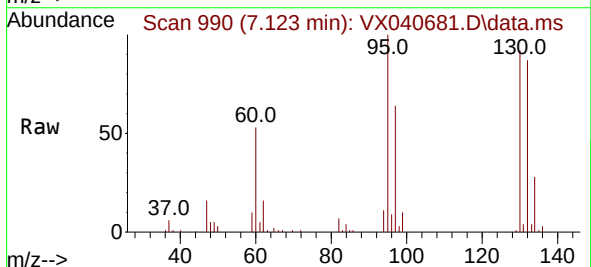
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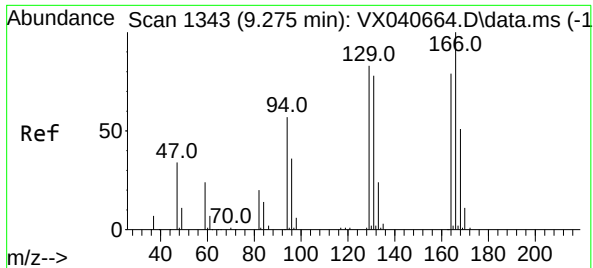
Reviewed By :John Carlone 03/18/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#34
Trichloroethene
Concen: 31.186 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040681.D
Acq: 16 Mar 2024 02:19

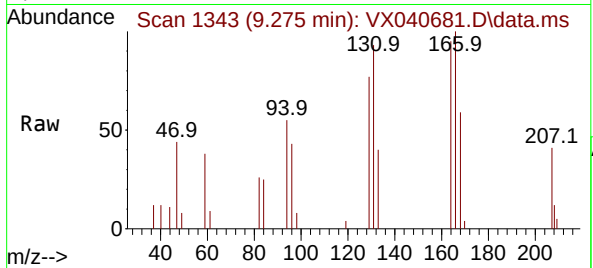
Tgt Ion: 95 Resp: 35806
Ion Ratio Lower Upper
95 100
97 64.1 44.7 83.1
132 87.3 61.5 114.3
130 92.5 66.9 124.3





#46
 Tetrachloroethene
 Concen: 1.709 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040681.D
 Acq: 16 Mar 2024 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL28



Tgt Ion:	164	Resp:	1409
Ion	Ratio	Lower	Upper
164	100		
129	80.7	67.8	126.0
131	98.6	67.8	126.0
166	105.4	88.2	163.8

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